

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108177.D
 Acq On : 15 Aug 2018 20:39
 Operator : JU/SJ
 Sample : J4478-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-5

Quant Time: Aug 16 03:29:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

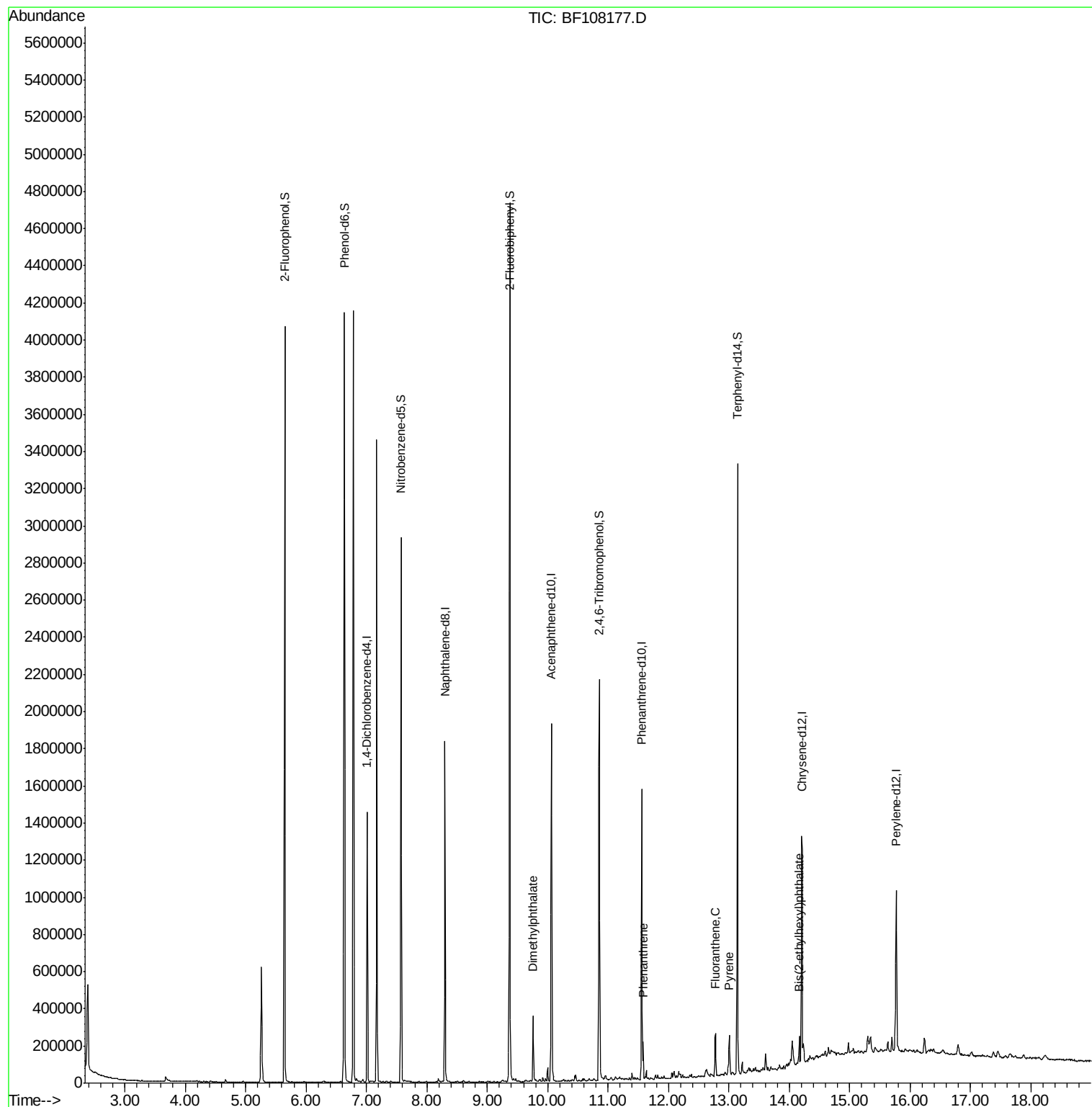
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	203527	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	771672	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	364745	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	583919	20.00	ng	0.00
75) Chrysene-d12	14.21	240	428245	20.00	ng	0.00
86) Perylene-d12	15.77	264	424515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1009088	89.76	ng	0.02
7) Phenol-d6	6.64	99	1353906	90.63	ng	0.00
23) Nitrobenzene-d5	7.58	82	897864	64.93	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	254715	70.01	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1405680	61.87	ng	0.00
78) Terphenyl-d14	13.14	244	1049561	62.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	132432	5.212	ng	99
70) Phenanthrene	11.58	178	67769	2.461	ng	98
74) Fluoranthene	12.78	202	90152	2.999	ng	94
77) Pyrene	13.01	202	83536	3.081	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	40083	2.749	ng	100

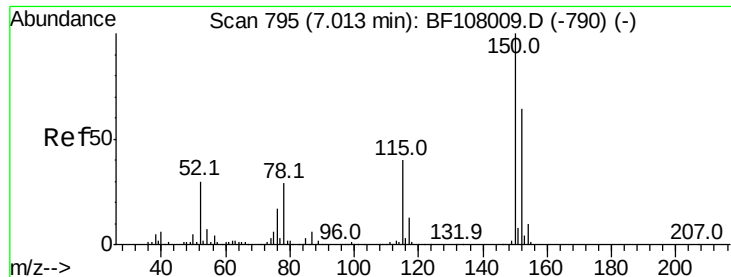
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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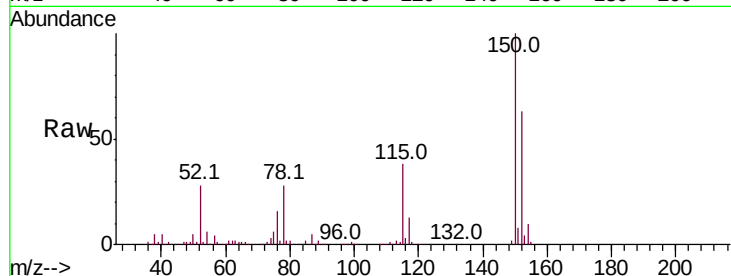


#1

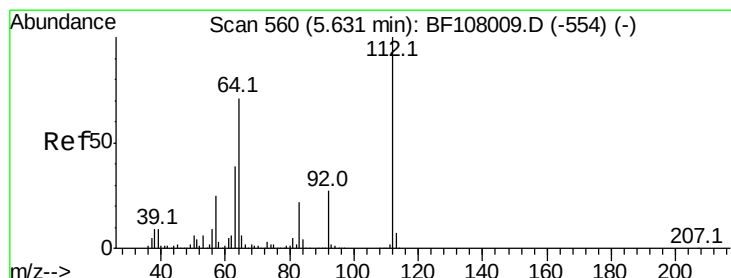
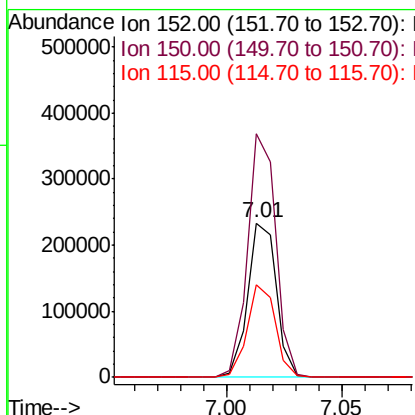
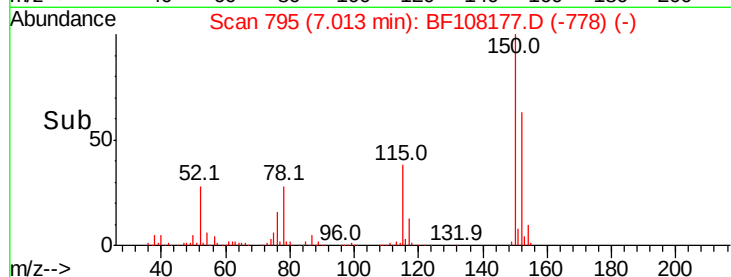
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.6	50.1	75.1



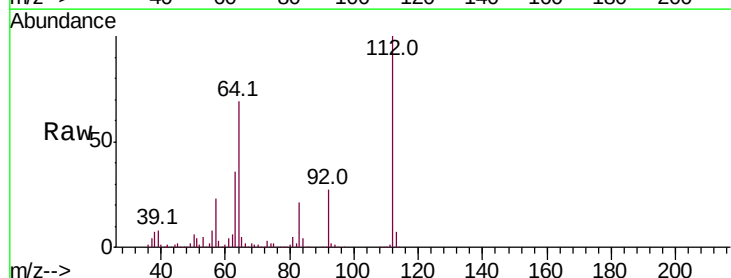
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



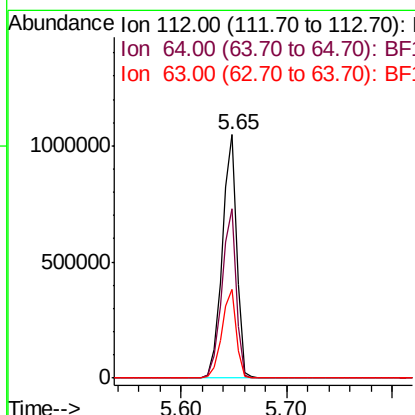
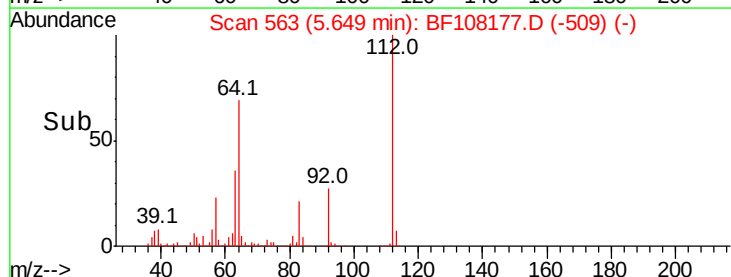
#5

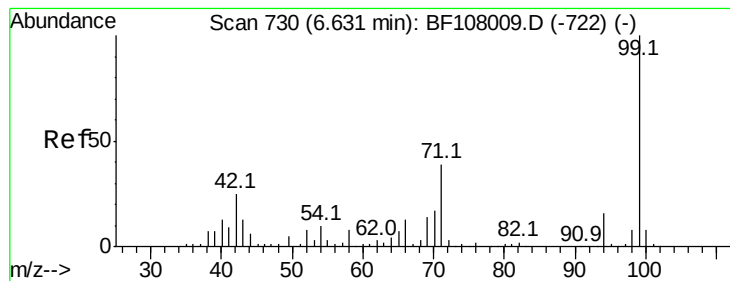
2-Fluorophenol
Concen: 89.762 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	47.9	71.9
63	36.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.630 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108177.D

Acq: 15 Aug 2018 20:39

Instrument :

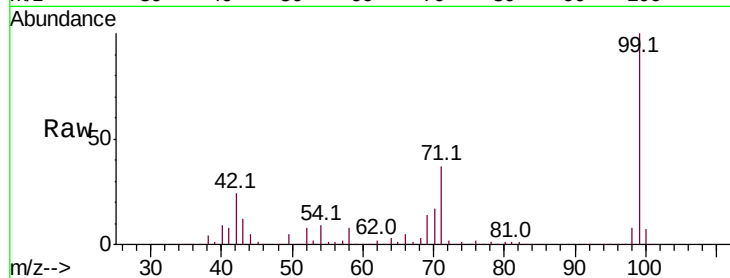
BNA_F

ClientSampleId :

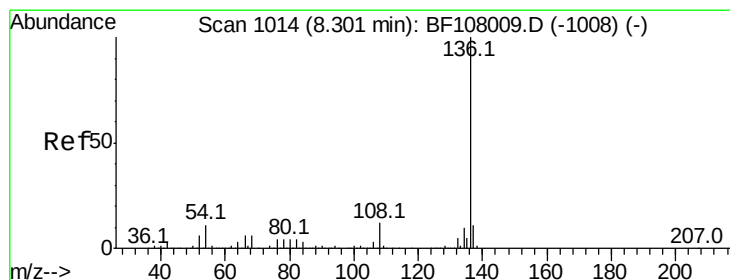
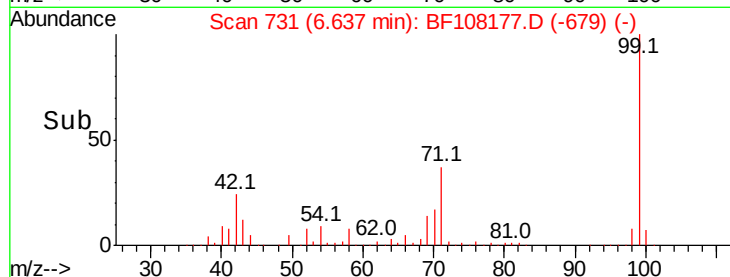
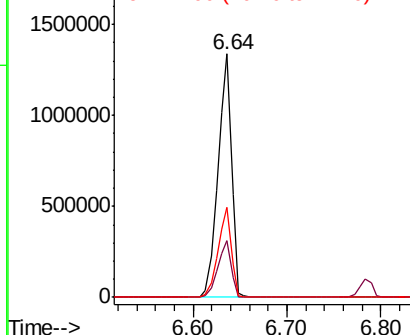
RICH-REC-ROAD-STONE-5

Tot Ion: 99 Resp: 1353906

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	37.1	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

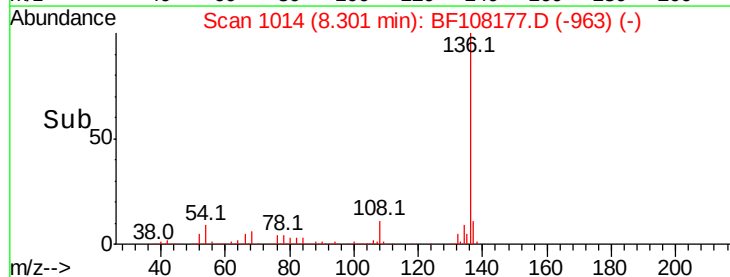
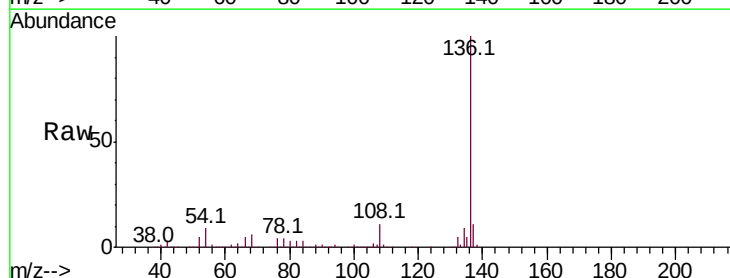
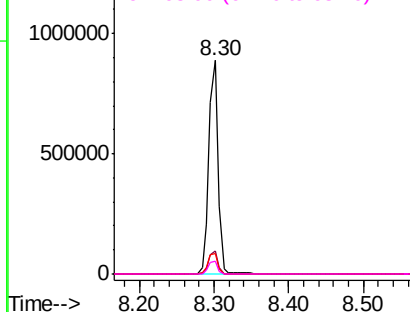
Lab File: BF108177.D

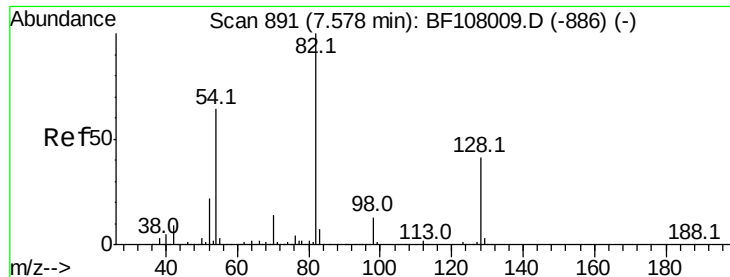
Acq: 15 Aug 2018 20:39

Tgt Ion: 136 Resp: 771672

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.8	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

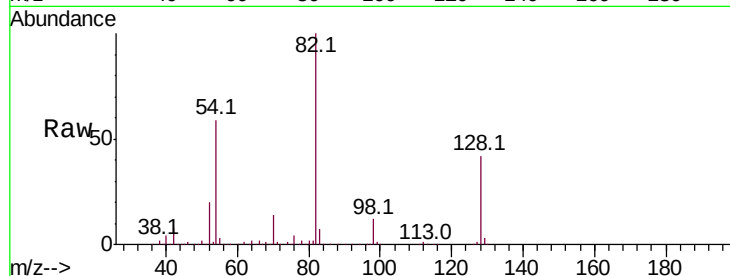




#23
Nitrobenzene-d5
Concen: 64.927 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	59.1	41.4	62.2

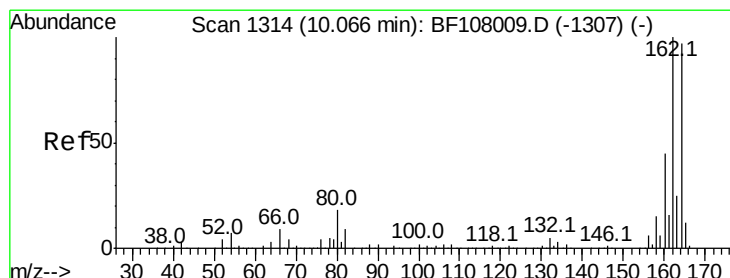
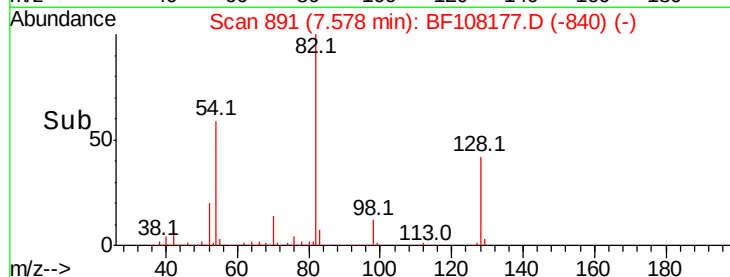
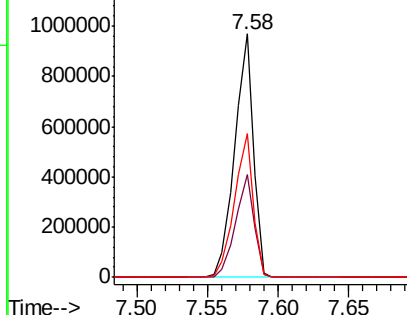


Abundance

Ion 82.00 (81.70 to 82.70): BF1

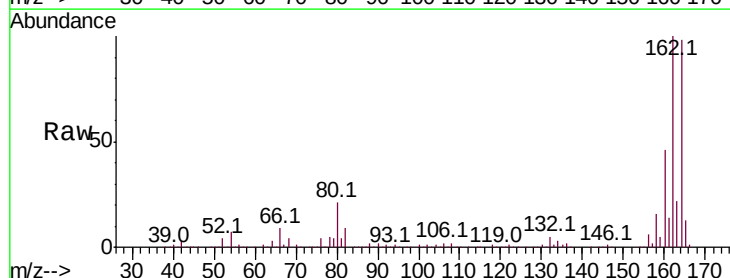
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.7	38.3	57.5

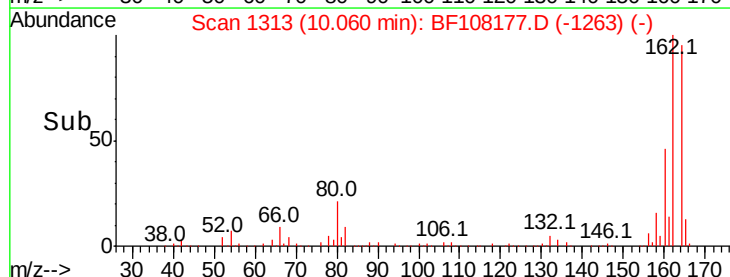
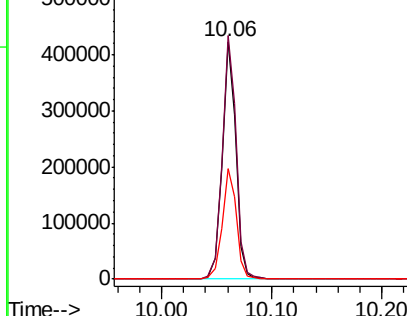


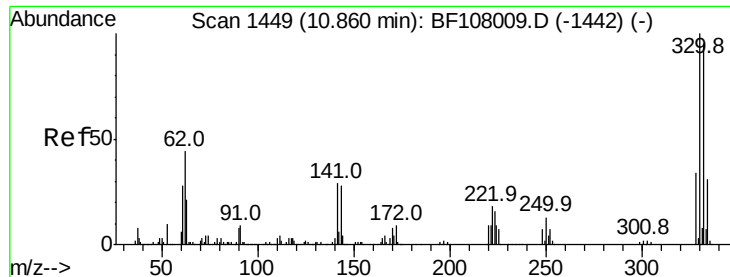
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

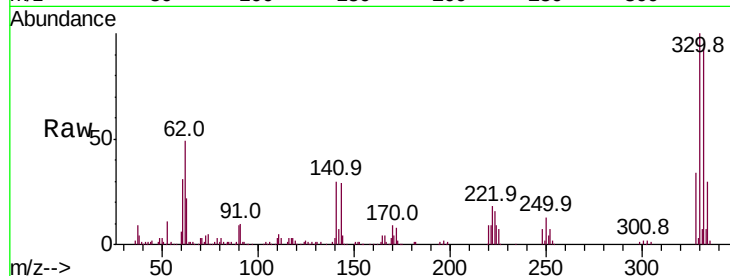




#41
 2,4,6-Tribromophenol
 Concen: 70.011 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108177.D
 Acq: 15 Aug 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	32.2	29.9	44.9

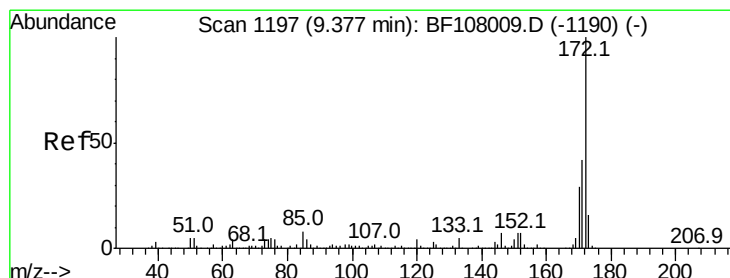
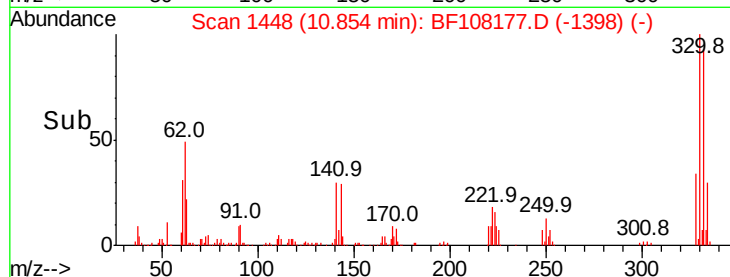
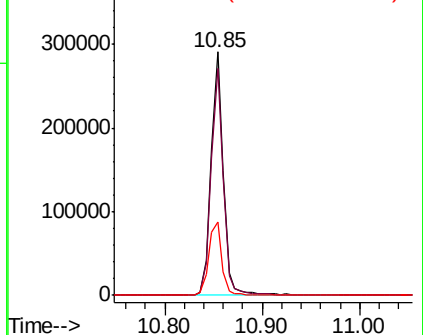


Abundance

Ion 329.80 (329.50 to 330.50): E

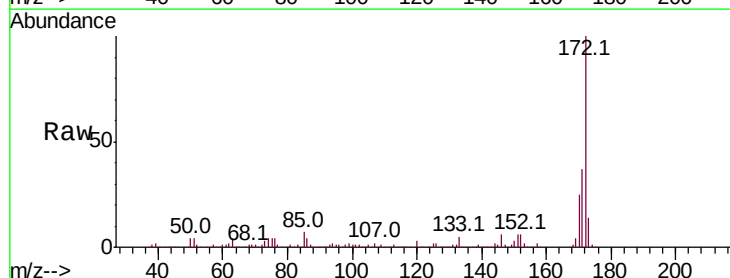
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 61.873 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108177.D
 Acq: 15 Aug 2018 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.3	19.6	29.4

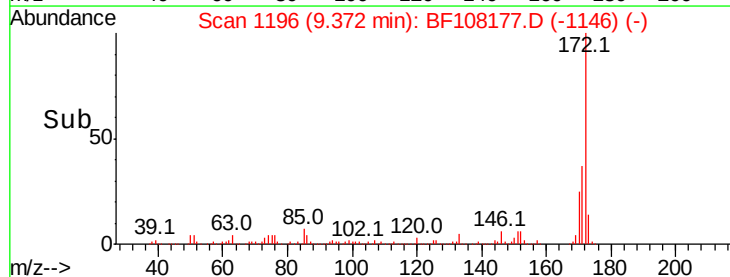
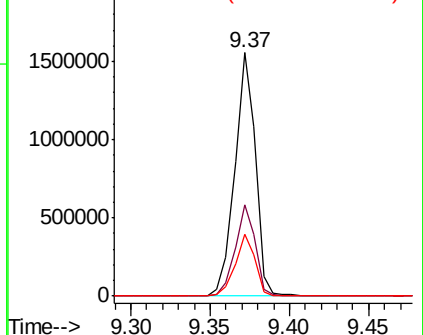


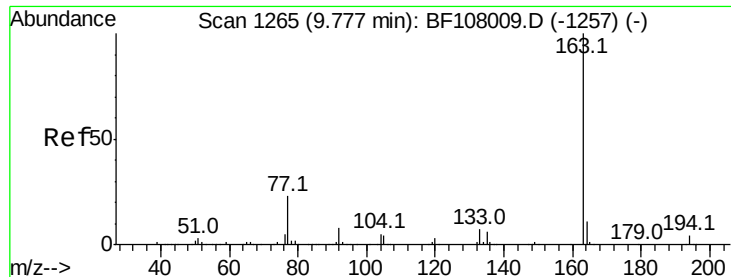
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

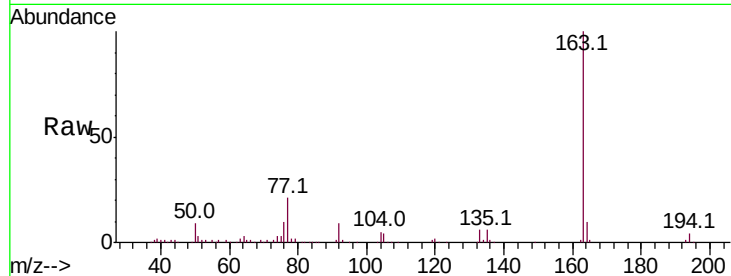




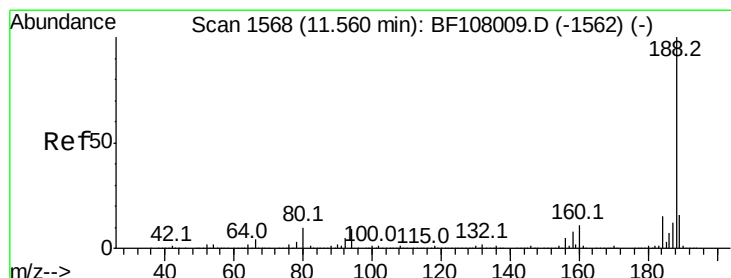
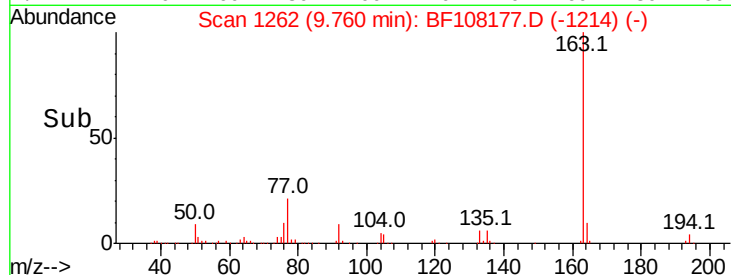
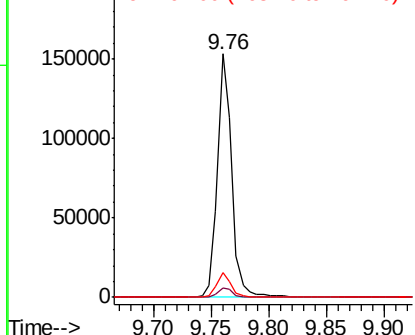
#49
Dimethylphthalate
Concen: 5.212 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-5

Tot Ion:163 Resp: 132432
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2

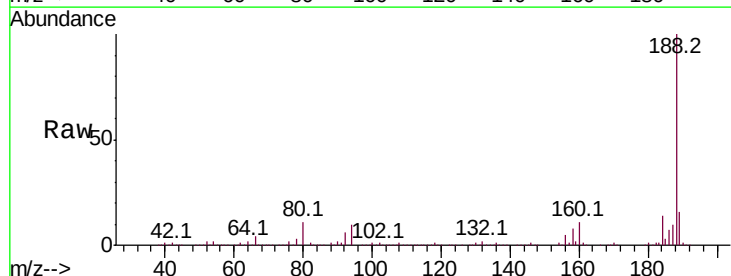


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

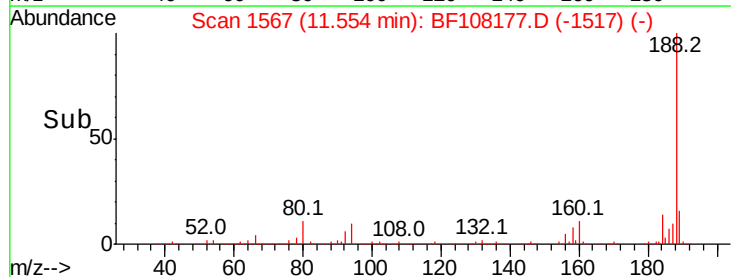
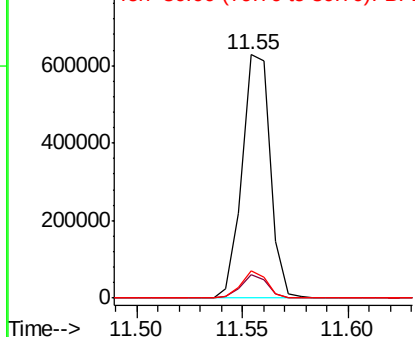


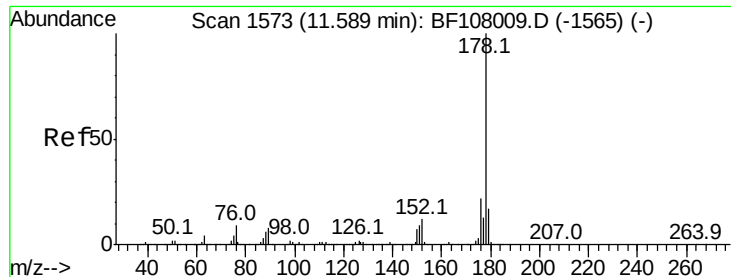
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Tgt Ion:188 Resp: 583919
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

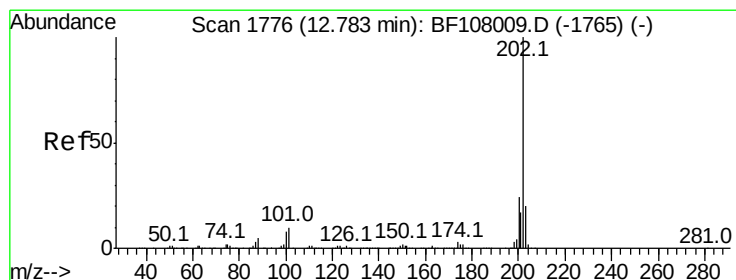
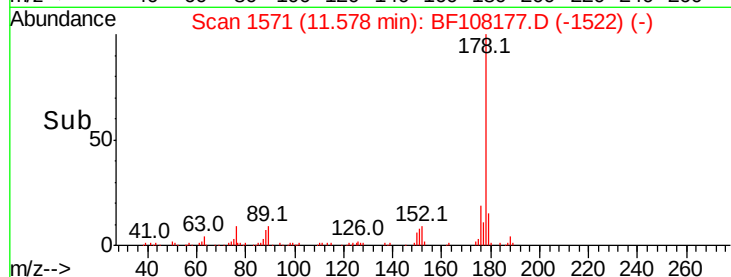
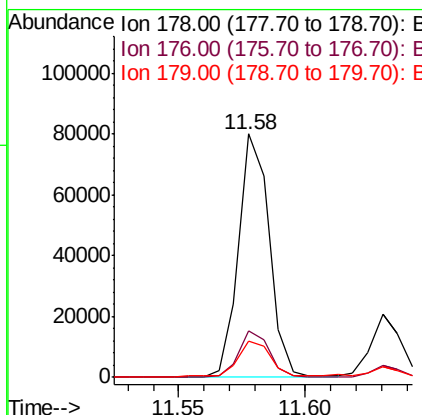
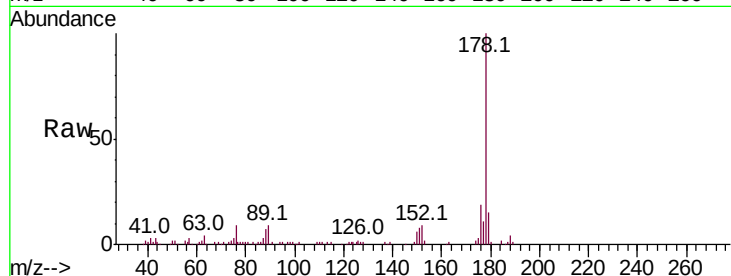




#70
Phenanthrene
Concen: 2.461 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

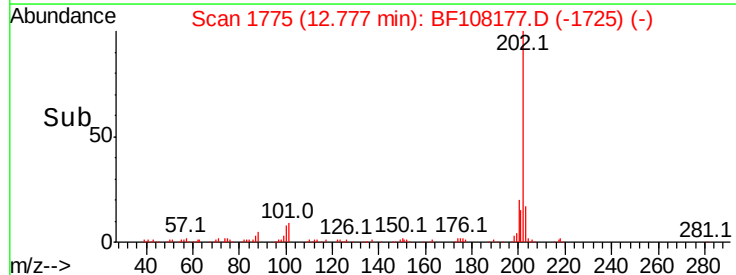
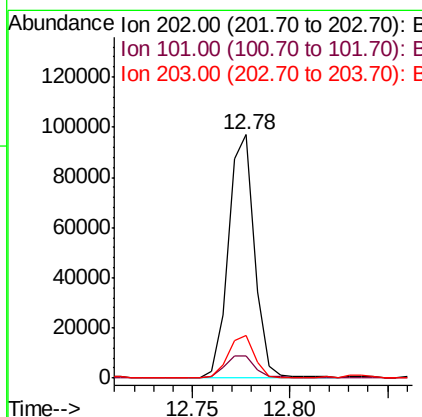
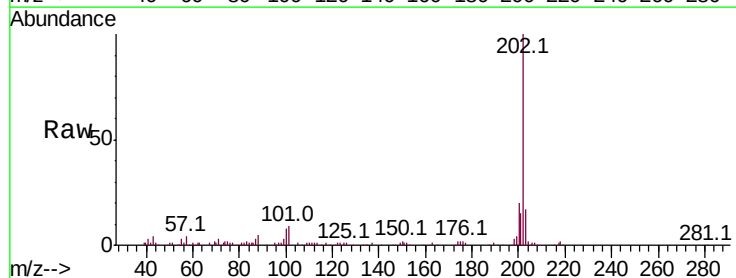
Instrument :
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RICH-REC-ROAD-STONE-5

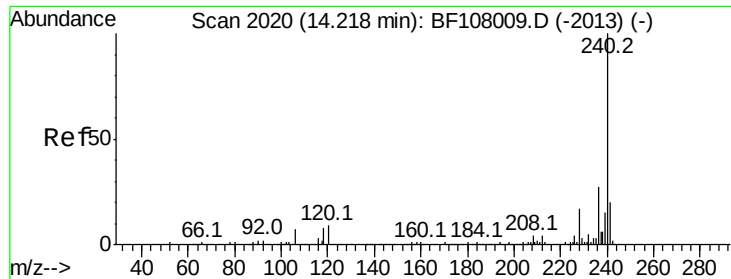
Tot Ion:178 Resp: 67769
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 14.9 13.0 19.6



#74
Fluoranthene
Concen: 2.999 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Tgt Ion:202 Resp: 90152
Ion Ratio Lower Upper
202 100
101 9.1 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108177.D

Acq: 15 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-5

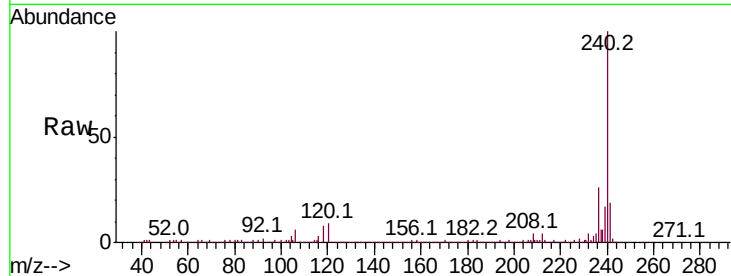
Tot Ion:240 Resp: 428245

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

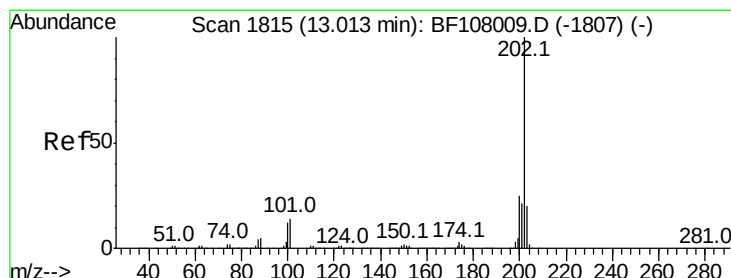
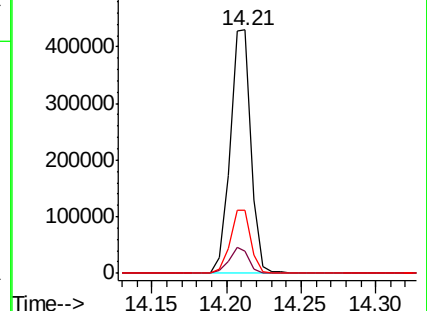
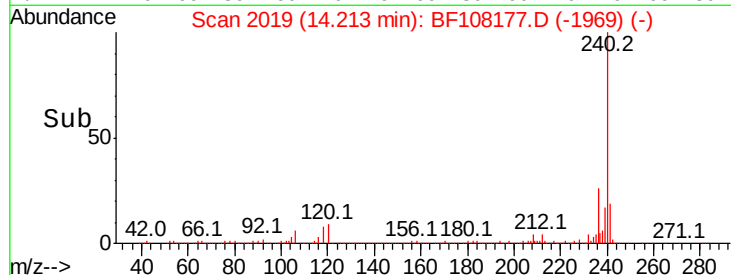
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.081 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108177.D

Acq: 15 Aug 2018 20:39

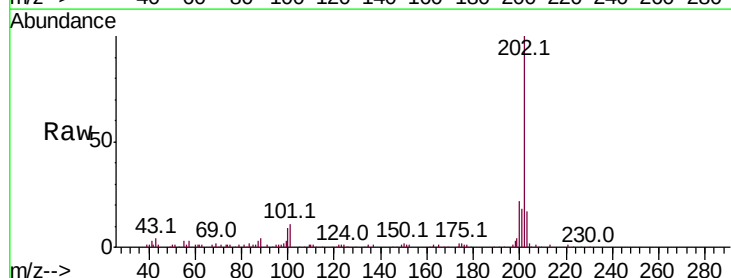
Tgt Ion:202 Resp: 83536

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

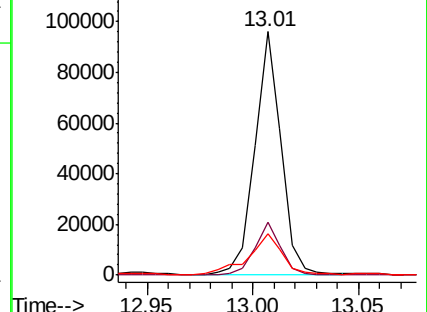
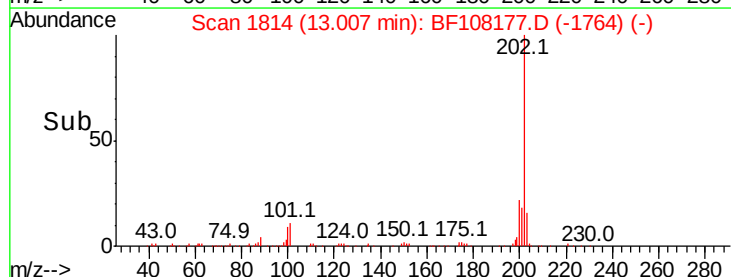
203 17.0 14.3 21.5

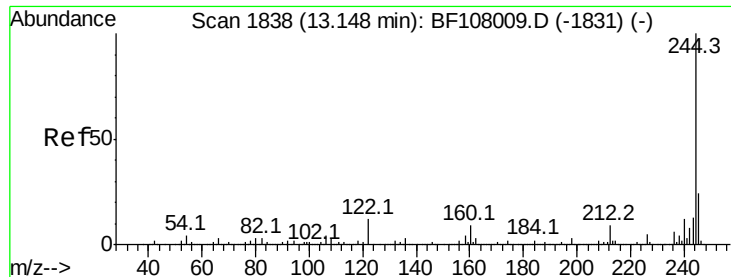


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.314 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108177.D

Acq: 15 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-5

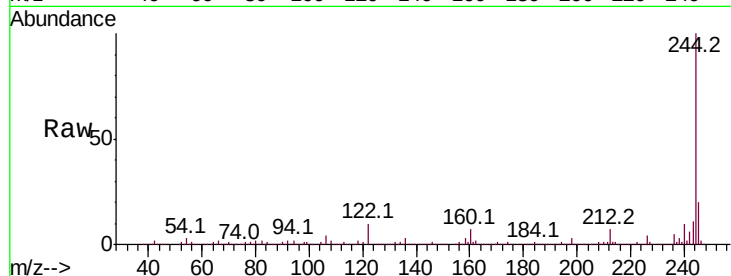
Tot Ion:244 Resp: 1049561

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

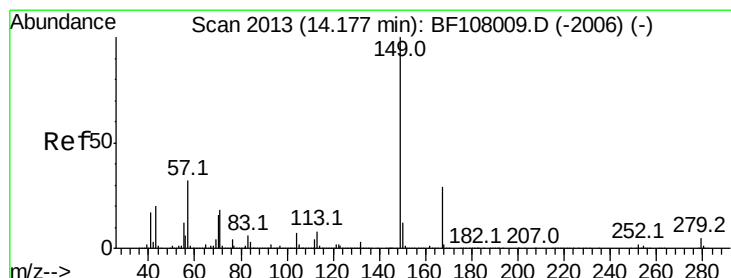
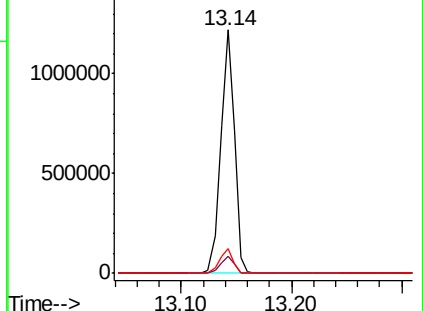
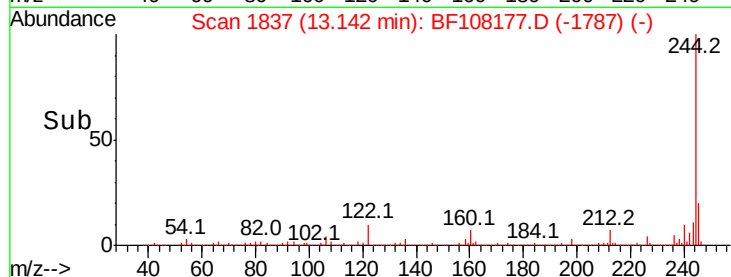
122 10.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.749 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108177.D

Acq: 15 Aug 2018 20:39

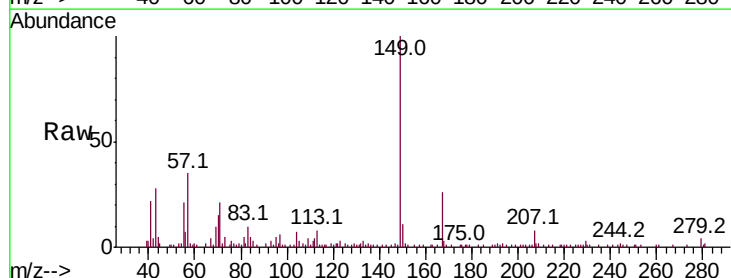
Tgt Ion:149 Resp: 40083

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

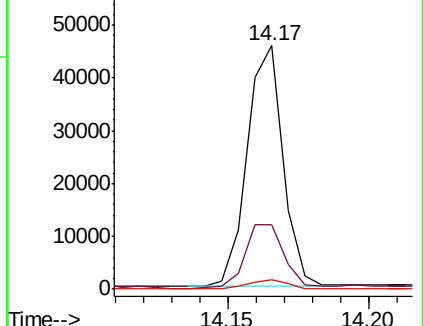
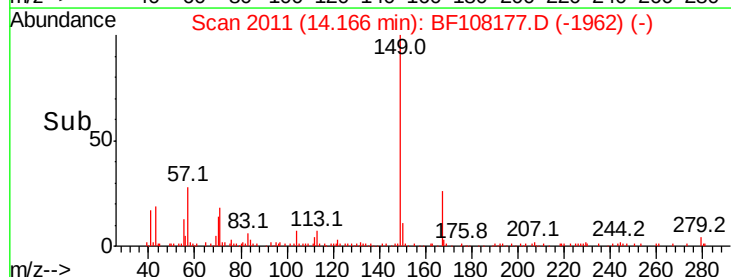
279 4.0 3.0 4.4

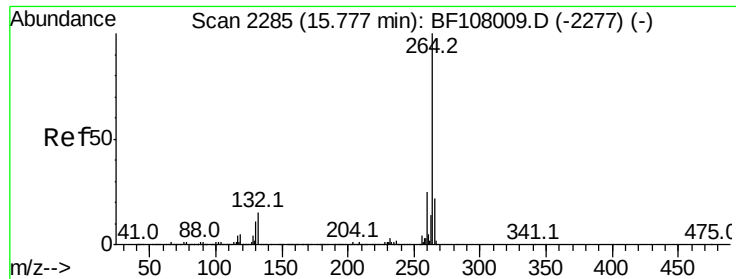


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108177.D
Acq: 15 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

